

Amendments to and Listing of the Claims:

Please amend the claims as indicated. This listing of claims will replace all prior versions and listings of claims in the application:

Claims 1 – 42 (canceled).

43. (Previously presented) An apparatus for cleaning a vessel, the apparatus comprising:

- a) an elongated rigid conduit insertable into the vessel such that the rigid conduit extends therein; and
- b) an elongated flexible conduit insertable through the rigid conduit into the vessel, for conducting pressurized liquid into the vessel to clean the vessel, said elongated flexible conduit sufficiently long to extend beyond an innermost end of said rigid conduit when said elongated flexible conduit is inserted into said vessel.

44. (Previously presented) An apparatus for cleaning a vessel, the apparatus comprising an elongated flexible conduit insertable through a rigid conduit extending into the vessel and having an innermost end terminating therein, said elongated flexible conduit sufficiently long to extend beyond the innermost end of said rigid conduit when said elongated flexible conduit is inserted into said vessel, said elongated flexible conduit conducting pressurized fluid into the vessel to clean the vessel.

45. (Currently amended) The apparatus of claims 431 or 442 further comprising a sealing device for sealing a gap between said flexible conduit and the rigid conduit to prevent fluid from travelling through the gap.

46. (Currently amended) The apparatus of claims 434 or 442 wherein said rigid conduit comprises a rigid shroud extending into the vessel and having a shape complementary to that of the flexible conduit.
47. (Currently amended) The apparatus of claims 434 or 442 wherein said rigid conduit is insertable through an opening defined in a wall of the vessel.
48. (Currently amended) The apparatus of claims 434 or 442 wherein said rigid conduit is insertable through an elongated rigid valve assembly extending through a wall of the vessel.
49. (Currently amended) The apparatus of claims 436 further comprising a sealing device for sealing a gap between said rigid conduit and the valve assembly to prevent fluid from travelling through the gap.
50. (Currently amended) The apparatus of claims 434 or 442 wherein said flexible conduit is capable of conducting the liquid at a pressure of at least 5,000 psi.
51. (Currently amended) The apparatus of claims 434 or 442 wherein said flexible conduit is capable of conducting the liquid at a pressure of at least 10,000 psi.
52. (Currently amended) The apparatus of claims 434 or 442 wherein said flexible conduit is sufficiently long to be inserted through the rigid conduit into a coker vessel.
53. (Currently amended) The apparatus of claim 5240 wherein said flexible conduit comprises a nozzle at a tip thereof.
54. (Currently amended) The apparatus of claim 5344 wherein said flexible conduit is sufficiently long for said nozzle to be inserted into a snout of the coker vessel.

55. (Currently amended) The apparatus of claim 5412 wherein said flexible conduit is sufficiently long for said nozzle to be inserted through the snout into a gas tube of the coker vessel.
56. (Currently amended) The apparatus of claim 5513 wherein said flexible conduit is sufficiently long for said nozzle to be inserted through the gas tube into a cyclone region of the coker vessel.
57. (Currently amended) The apparatus of claim 5614 wherein said flexible conduit is sufficiently long for said nozzle to be inserted through the cyclone region into a vicinity of a dip leg of the coker vessel.
58. (Currently amended) The apparatus of claims 431 or 442 wherein said elongated flexible conduit comprises coiled tubing.
59. (Currently amended) The apparatus of claim 5816 further comprising a reel for storing said coiled tubing in a coil on said reel.
60. (Currently amended) The apparatus of claim 5917 wherein said reel comprises a liquid junction connectable to an input end of said coiled tubing and connectable to a liquid supplying device for conducting the pressurized liquid from the liquid supplying device into said coiled tubing.
61. (Currently amended) The apparatus of claim 6017 wherein said liquid junction comprises a high pressure fluid swivel connector.
62. (Currently amended) The apparatus of claim 6017 further comprising a liquid supplying device, wherein said liquid supplying device comprises a mechanical pump and a hose connectable to said pump and to said liquid junction.

63. (Currently amended) The apparatus of claim 5916 wherein said reel comprises at least one retaining member for retaining said coiled tubing on said reel.
64. (Currently amended) The apparatus of claims 434 or 442 further comprising an insertion device for inserting said flexible conduit through the rigid conduit into the vessel.
65. (Currently amended) The apparatus of claim 6422 wherein said insertion device comprises an injector assembly operable to grip said flexible conduit and push said flexible conduit through the rigid conduit.
66. (Currently amended) The apparatus of claim 6523 wherein said injector assembly comprises first and second opposing traction belts operable to snugly grip said flexible conduit therebetween.
67. (Currently amended) The apparatus of claim 6624 wherein said injector assembly further comprises at least one drive mechanism for rotating said traction belts in opposite respective directions to move said flexible conduit through said injector assembly.
68. (Currently amended) The apparatus of any one of claims 5344 to 5746, 5846 to 6324 and 6422 to 6725 further comprising a sealing device for sealing a gap between said flexible conduit and the rigid conduit to prevent fluid from travelling through the gap.
69. (Currently amended) The apparatus of claim 497 further comprising a second sealing device for sealing a second gap between said flexible conduit and the rigid conduit to prevent fluid from travelling through the second gap.

70. (Previously presented) An apparatus for cleaning a vessel, the apparatus comprising:

- a. an elongated rigid conduit insertable into the vessel such that the rigid conduit extends therein;
- b. an elongated flexible conduit insertable through the rigid conduit into the vessel, for conducting pressurized liquid into the vessel to clean the vessel, said elongated flexible conduit sufficiently long to extend beyond an innermost end of said rigid conduit when said flexible conduit is inserted into said vessel; and
- c. a sealing device for sealing a gap between the flexible conduit and the rigid conduit to prevent fluid from travelling through the gap.

71. (Previously presented) An apparatus for cleaning a vessel, the apparatus comprising:

- a. an elongated rigid conduit insertable into the vessel such that the rigid conduit extends therein, wherein the rigid conduit is insertable through an elongated rigid valve assembly extending through a wall of the vessel;
- b. a sealing device for sealing a gap between the rigid conduit and the valve assembly to prevent fluid from travelling through the gap; and
- c. an elongated flexible conduit insertable through the rigid conduit into the vessel, for conducting pressurized liquid into the vessel to clean the vessel, said elongated flexible conduit sufficiently long to extend beyond an innermost end of said rigid conduit when said flexible conduit is inserted into said vessel.

72. (Previously presented) An apparatus for cleaning a vessel, the apparatus comprising:

- a. an elongated rigid conduit insertable into the vessel such that the rigid conduit extends therein, wherein the rigid conduit is insertable through an elongated rigid valve assembly extending through a wall of the vessel;
- b. a sealing device for sealing a gap between the rigid conduit and the valve assembly to prevent fluid from travelling through the gap;
- c. an elongated flexible conduit insertable through the rigid conduit into the vessel, for conducting pressurized liquid into the vessel to clean the vessel, said elongated flexible conduit sufficiently long to extend beyond an innermost end of said rigid conduit when said flexible conduit is inserted into said vessel; and
- d. a further sealing device for sealing a gap between the flexible conduit and the rigid conduit to prevent fluid from travelling through the gap.